RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/445,576A

DATE: 12/18/2002
TIME: 12:13:26

Input Set : A:\09445576.ST25.txt
Output Set: N:\CRF4\12182002\I445576A.raw

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P.6


```
 3 <110> APPLICANT: Borean Pharma A/S
 5 <120> TITLE OF INVENTION: Trimerising module
 7 <130> FILE REFERENCE: 62032.000004
 9 <140> CURRENT APPLICATION NUMBER: US 09/445,576A
10 <141> CURRENT FILING DATE: 2000-07-17
12 <160> NUMBER OF SEQ ID NOS: 104
14 <170> SOFTWARE: PatentIn version 3.1
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 47
18 <212> TYPE: DNA
19 <213> ORGANISM: Artificial
21 <220> FEATURE:
22 <223> OTHER INFORMATION: primer trip-Ca
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29 <211> LENGTH: 33
30 <212> TYPE: DNA
31 <213> ORGANISM: Artificial
33 <220> FEATURE:
34 <223> OTHER INFORMATION: primer trip-Ca
36 <400> SEQUENCE: 2                                                    33
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40 <210> SEQ ID NO: 3
41 <211> LENGTH: 40
42 <212> TYPE: DNA
43 <213> ORGANISM: Artificial
45 <220> FEATURE:
46 <223> OTHER INFORMATION: trip-Cb
48 <400> SEQUENCE: 3                                                    40
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52 <210> SEQ ID NO: 4
53 <211> LENGTH: 6
54 <212> TYPE: PRT
55 <213> ORGANISM: Artificial
57 <220> FEATURE:
58 <223> OTHER INFORMATION: IQGR cleavage site
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62 Gly Ser Ile Gln Gly Arg
63 1               5
66 <210> SEQ ID NO: 5
67 <211> LENGTH: 52
68 <212> TYPE: PRT
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69 <213> ORGANISM: Artificial
71 <220> FEATURE:
72 <223> OTHER INFORMATION: tetranectin polypeptide sequence for Glu1 to Lys52
74 <400> SEQUENCE: 5
76 Glu Pro Pro Thr Gln Lys Pro Lys Lys Ile Val Asn Ala Lys Lys Asp
77 1 5 10 15
80 Val Val Asn Thr Lys Met Phe Glu Glu Leu Lys Ser Arg Leu Asp Thr
81 20 25 30
84 Leu Ala Gln Glu Val Ala Leu Leu Lys Glu Gln Gln Ala Leu Gln Thr
85 35 40 45
88 Val Ser Leu Lys
89 50
92 <210> SEQ ID NO: 6
93 <211> LENGTH: 49
94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial
97 <220> FEATURE:
98 <223> OTHER INFORMATION: tetranectin polypeptide sequence for Glu 1 to Val 49
100 <400> SEQUENCE: 6
102 Glu Pro Pro Thr Gln Lys Pro Lys Lys Ile Val Asn Ala Lys Lys Asp
103 1 5 10 15
106 Val Val Asn Thr Lys Met Phe Glu Glu Leu Lys Ser Arg Leu Asp Thr
107 20 25 30
110 Leu Ala Gln Glu Val Ala Leu Leu Lys Glu Gln Gln Ala Leu Gln Thr
111 35 40 45
114 Val
118 <210> SEQ ID NO: 7
119 <211> LENGTH: 181
120 <212> TYPE: PRT
121 <213> ORGANISM: Artificial
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Mature tetranectin single chain
126 <400> SEQUENCE: 7
128 Glu Pro Pro Thr Gln Lys Pro Lys Lys Ile Val Asn Ala Lys Lys Asp
129 1 5 10 15
132 Val Val Asn Thr Lys Met Phe Glu Glu Leu Lys Ser Arg Leu Asp Thr
133 20 25 30
136 Leu Ala Gln Glu Val Ala Leu Leu Lys Glu Gln Gln Ala Leu Gln Thr
137 35 40 45
140 Val Cys Leu Lys Gly Thr Lys Val His Met Lys Cys Phe Leu Ala Phe
141 50 55 60
144 Thr Gln Thr Lys Thr Phe His Glu Ala Ser Glu Asp Cys Ile Ser Arg
145 65 70 75 80
148 Gly Gly Thr Leu Ser Thr Pro Gln Thr Gly Ser Glu Asn Asp Ala Leu
149 85 90 95
152 Tyr Glu Tyr Leu Arg Gln Ser Val Gly Asn Glu Ala Glu Ile Trp Leu
153 100 105 110
156 Gly Leu Asn Asp Met Ala Ala Glu Gly Thr Trp Val Asp Met Thr Gly
157 115 120 125

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```
160 Ala Arg Ile Ala Tyr Lys Asn Trp Glu Thr Glu Ile Thr Ala Gln Pro
161     130                 135                 140
164 Asp Gly Gly Lys Thr Glu Asn Cys Ala Val Leu Ser Gly Ala Ala Asn
165 145                 150                 155                 160
168 Gly Lys Trp Phe Asp Lys Arg Cys Arg Asp Gln Leu Pro Tyr Ile Cys
169             165                 170                 175
172 Gln Phe Gly Ile Val
173             180
176 <210> SEQ ID NO: 8
177 <211> LENGTH: 39
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Primer
184 <400> SEQUENCE: 8
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189 <211> LENGTH: 25
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Primer
196 <400> SEQUENCE: 9
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201 <211> LENGTH: 6
202 <212> TYPE: PRT
203 <213> ORGANISM: Artificial
205 <220> FEATURE:
206 <223> OTHER INFORMATION: IEGR cleavage site
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211 1               5
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215 <211> LENGTH: 32
216 <212> TYPE: PRT
217 <213> ORGANISM: Artificial
219 <220> FEATURE:
220 <223> OTHER INFORMATION: lambda CII protein
222 <400> SEQUENCE: 11
224 Met Val Arg Ala Asn Lys Arg Asn Glu Ala Leu Arg Ile Glu Ser Ala
225 1               5                   10                  15
228 Leu Leu Asn Lys Ile Ala Met Leu Gly Thr Glu Lys Thr Ala Glu Gly
229             20                  25                  30
232 <210> SEQ ID NO: 12
233 <211> LENGTH: 10
234 <212> TYPE: PRT
235 <213> ORGANISM: Homo sapiens
237 <400> SEQUENCE: 12
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Input Set : **A:\09445576.ST25.txt**
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240 1 5 10
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244 <211> LENGTH: 25
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Primer
251 <400> SEQUENCE: 13
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255 <210> SEQ ID NO: 14
256 <211> LENGTH: 39
257 <212> TYPE: DNA
258 <213> ORGANISM: Artificial
260 <220> FEATURE:
261 <223> OTHER INFORMATION: Primer
263 <400> SEQUENCE: 14
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267 <210> SEQ ID NO: 15
268 <211> LENGTH: 36
269 <212> TYPE: DNA
270 <213> ORGANISM: Artificial
272 <220> FEATURE:
273 <223> OTHER INFORMATION: Primer
275 <400> SEQUENCE: 15
276 cctggatcca tcgagggtag ggccctgcag acggtc 36
279 <210> SEQ ID NO: 16
280 <211> LENGTH: 227
281 <212> TYPE: DNA
282 <213> ORGANISM: Homo sapiens
284 <400> SEQUENCE: 16
285 atgcagatct ttgtgaagac cctcactggc aaaaccatca cccttgaggt cgagcccagt 60
287 gacaccattg agaatgtcaa agccaaaatt caagacaagg agggtatccc acctgaccgc 120
289 agcgtctgat atttgccggc aaacagctgg aagatggacg tactttgtct gactacaata 180
291 ttcaaaagga gtctactctt catcttgtgt tgagacttcg tggtggt 227
294 <210> SEQ ID NO: 17
295 <211> LENGTH: 27
296 <212> TYPE: DNA
297 <213> ORGANISM: Artificial
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Primer
302 <400> SEQUENCE: 17
303 tgctgatcac agatctttgt gaagacc 27
306 <210> SEQ ID NO: 18
307 <211> LENGTH: 39
308 <212> TYPE: DNA
309 <213> ORGANISM: Artificial
311 <220> FEATURE:
312 <223> OTHER INFORMATION: Primer

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319 <211> LENGTH: 76
320 <212> TYPE: PRT
321 <213> ORGANISM: Homo sapiens
323 <400> SEQUENCE: 19
325 Met Gln Ile Phe Val Lys Thr Leu Thr Gly Lys Thr Ile Thr Leu Glu
326 1 5 10 15
329 Val Glu Pro Ser Asp Thr Ile Glu Asn Val Lys Ala Lys Ile Gln Asp
330 20 25 30
333 Lys Glu Gly Ile Pro Pro Asp Gln Gln Arg Leu Ile Phe Ala Gly Lys
334 35 40 45
337 Gln Leu Glu Asp Gly Arg Thr Leu Ser Asp Tyr Asn Ile Gln Lys Glu
338 50 55 60
341 Ser Thr Leu His Leu Val Leu Arg Leu Arg Gly Gly
342 65 70 75
345 <210> SEQ ID NO: 20
346 <211> LENGTH: 786
347 <212> TYPE: DNA
348 <213> ORGANISM: Artificial
350 <220> FEATURE:
351 <223> OTHER INFORMATION: CEA6 antibody
353 <400> SEQUENCE: 20
354 caggttcagc tgcagcagtc aggggctgag gtgaagaagc ctgggtcctc ggtgaaggtc 60
356 tcctgcaagg cttctggagg caccttcagc aactctccta tcaactggct gcgacaggcc 120
358 cccggacaag ggcttgagtg gatgggaagt atcatccctt cctttggtac agcaaactac 180
360 gctcagaagt tccagggcag actcacgatt accgcggacg aatccacgag cacagcctac 240
362 atggagctga gcagcctgag atctgaggac acggccgtgt attactgtgc ggggcggagc 300
364 cacaactacg aactctacta ttactacatg gacgtctggg gccaggggac aatggtcacc 360
366 gtctcgagtg gtggaggcgg ttcaggcgga ggtggcagcg gcggtggcgg atcggacatc 420
368 cagatgaccc agtctccttc caccctgtct gcatctattg gagacagagt caccatcacc 480
370 tgccgggcca gtgagggtat ttatcactgg ttggcctggt atcagcagaa gccagggaaa 540
372 gcccctaaac tcctgatcta taaggcctct agtttagcca gtggggcccc atcaaggttc 600
374 agcggcagtg gatctgggac agatttcact ctcaccatca gcagcctgca gcctgatgat 660
376 tttgcaactt attactgcca acaatatagt aattatccgc tcactttcgg cggagggacc 720
378 aagctggaga tcaaacgtgc ggccgcagaa caaaaactca tctcagaaga ggatctgaat 780
380 ggggcc 786
383 <210> SEQ ID NO: 21
384 <211> LENGTH: 25
385 <212> TYPE: DNA
386 <213> ORGANISM: Artificial
388 <220> FEATURE:
389 <223> OTHER INFORMATION: Primer
391 <400> SEQUENCE: 21
392 ggtggatccc aggttcagct gcagc 25
395 <210> SEQ ID NO: 22
396 <211> LENGTH: 25
397 <212> TYPE: DNA

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 12/18/2002
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:40; Xaa Pos. 1,2,3,4,5,6,7,8,9,11,12,13,14,15,16,18,19,22,23,27,36

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,13,14,15,17,18,20,21,22,23,24,25,26,27,28,29,30
Seq#:31,32,33,34,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59
Seq#:60,61,62,63,64,65,66,67,68,69,70,72,73,74,75,76,77,78,79,80,81,82,83,84
Seq#:85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102